REVERSIBLE DICHROMATIC THERMAL RECORDING MATERIAL AND RECORDING METHOD

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Abstract of **JP2001162941**

PROBLEM TO BE SOLVED: To provide a reversible dichromatic thermal recording material which ensures a sharp contrast and the formation and erasing of an image and can keep an image which is stable over time under daily life environments. SOLUTION: This reversible dichromatic thermal recording material has a reversible thermally color developing composition which uses a routinely colorless or pale-color electron-donative dye precursor and an electron-receptive compound and can relatively form a color development state and a decolorization state depending upon the difference in a heating temperature and/or a cooling temperature after heating, formed on a support. In addition, the reversible thermally color developing composition is formed of two kinds of parts showing different color development color tones from each other and in a mutually independent and discrete state. Further, the thermal recording material is characterized in that the crystallization rate of the electron-receptive compound varies at the time of the color development state and at the time of the decolorization state of the composition, when the shift from the former state to the latter state occurs.